

[Online] Knowledge Co-Creation Program (Group & Region Focus)

GENERAL INFORMATION ON

Energy Policy 課題別研修「エネルギー政策」 JFY 2021

NO. 202003153-J001/ ID. 202003153

Program Period:

From June 21, 2021 to July 27, 2021
On Demand program: June 22 to July 5,
Online Program (live-stream): July 6 to July 27

This information pertains to one of the JICA Knowledge Co-Creation Program (Group & Region Focus) of the Japan International Cooperation Agency (JICA), which shall be implemented as part of the Official Development Assistance of the Government of Japan based on bilateral agreement between both Governments.

'JICA Knowledge Co-Creation Program (KCCP)' as a New Start

In the Development Cooperation Charter which was released from the Japanese Cabinet on February 2015, it is clearly pointed out that "In its development cooperation, Japan has maintained the spirit of jointly creating things that suit partner countries while respecting ownership, intentions and intrinsic characteristics of the country concerned based on a field-oriented approach through dialogue and collaboration. It has also maintained the approach of building reciprocal relationships with developing countries in which both sides learn from each other and grow and develop together." We believe that this 'Knowledge Co-Creation Program' will serve as a center of mutual learning process.

I. Concept

Background

With rapid economic development in recent years, global energy demand is expected to increase further particularly in developing countries. In this context, if a stable supply energy is not ensured and proper consideration is not given to environment, concerns over constraints on energy supply and demand, skyrocketing energy prices and increase in carbon dioxide emissions will possibly become more serious, which leads to a substantial negative impact on sustainable development in developing countries as well as global economy and environment including Japan. Currently, developing countries are also requested to pursue the perspective of ensuring the actions against climate changes, national energy security and efficient utilization of domestic resources in order to establish comprehensive energy policy and supply-demand forecasting. Balancing environment, energy security and economic viability in energy policy is especially challenging under the current situation of global epidemic.

For what?

This program aims to contribute to solving aforementioned issues by providing the participating countries with knowledge on energy situation and its policy transition in Japan and in the world to support the formulation of future activities for their energy policy making based on energy supply-demand forecasting as well as energy balance.

For whom?

This program is offered to an executive energy policy formulation officer of Ministry of Energy or equivalent of governmental agencies.

How?

Participants shall have opportunities to identify approaches and strategies to ensure program effectiveness, enhance knowledge of energy policy, and improve policy planning viability. Participants will also formulate an action plan describing what the participant will do after this program putting the knowledge and ideas acquired and discussed in Japan among others into their on-going activities.

Sustainable Development Goals (SDGs)

The United Nations Sustainable Development Goals (SDGs) were adopted as the 2030 Agenda for Sustainable Development by world leaders in September 2015, which now call for action by all countries. As a development cooperation agency, JICA is committed to achieving the SDGs. Through this program, which aims at creating a comprehensive energy policy and demand outlook contributes to realizing the goal 7, 12 and 13, by striving stable supply of energy and consideration for the environment.









II. Description

1. Title

Energy Policy

2. Course Period:

From June 21, 2021 to July 27, 2021

The program is structured by three parts as following;

Part 1: The course orientation by online: June 21, 2021

Part 2: On Demand Program: June 22 to July 5, 2021.

Part 3: Online(live-stream) lecture/discussion/presentation: July 6 to July 27, 2021.

See 10. Place and time on page 5-6 and < Tentative program > on page 11.

3. Target Regions or Countries

BANGLADESH, CAMBODIA, CAPE VERDE, EGYPT, ETHIOPIA, HONDURAS, JORDAN, KYRGYZ, LAOS, MOZAMBIQUE, MYANMAR, PAKISTAN, SIERRA LEONE

4. Eligible / Target Organization

This program is offered to governmental agencies such as Ministry of Energy which are engaged in energy policy formulation.

- 5. Course Capacity (Upper limit of Participants): 13 participants
- 6. Language to be used in this program: English

7. Course Objective:

A draft policy plan contributing to the formulation of comprehensive energy policy at national level based on each country's characteristics and issues will be formulated in the participating organization.

8. Overall Goal

A comprehensive energy policy at national level with a medium to long term perspective will be drawn up and implemented.

9. Expected Module Output and Contents:

Module deals with various energy policies (Oil & Gas / Coal / Electricity / Energy Conservation / New and Renewable Energy and current situation in Japan). This program consists of the following components. Details on each component are given below:

Expected Module Output	Subjects/Agendas	Methodology
(1) Energy situation and issues in each country are shared among the participants and priority issues are examined.	Country Report Presentation (10 minutes for each participant including questions and answers)	Presentation and Discussion

(2) Challenges in energy policy in each country are clarified through understanding and comparing changes and current status of energy situation/energy policies in Japan and the rest of the world.	Decision-Making Process in Japan / Energy Policy in Japan (Oil & Gas / Coal / Electricity / Energy Conservation / New and Renewable Energy), Approach to Global Environmental Issues / Energy Demand Forecasting in the World/Asia / Energy Balance Table / Observation: Thermal Power Plant, Renewable Energy, etc.	Lecture and Discussion
(3) Concepts and methods of energy supply-demand forecasting, energy balance and energy best mix are understood.	Survey Technique for Energy Statistics Data, Energy Data Base Construction, Energy Balance Table, Energy Demand Forecasting Exercise, Scenario Analysis for Energy, etc.	Lecture, Discussion and Practice
(4) A draft Action Plan of specific countermeasures which contribute to solving challenges in each country is formulated.	Draft Action Plan Presentation	Consultation and Presentation

10. Place and Time

Please refer the tentative schedule on page 11.

(1) Place

The place to take the program (On Demand/Online) will be determined by the internet environment. Please inform JICA which place you would like to take the program (e.g. home, office). If you can't find the proper place to take the program, please consult with JICA Office.

- (2) Time for On Demand program: June 22 to July 5, 2021 Participants will be able to access On Demand program at any time and any place during On Demand program period. Participants must work on assignments at home or office during this period. Participants must submit their assignments by the designated deadline. All the assignments must be finished before the online program starts.
- (3) Time for Online program (live stream): June 21 and July 6 to July 27, 2021 The online program will be live-streamed from Monday to Thursday between 17:00 and 19:00 in Japan time. Three days of practice of "Energy Demand Forcusting" from July 19 to 21 are different time schedule by country. The time in each participating country is as follows.

<Asia>

	live-streamed	from July 19 to 21
CAMBODIA	15:00 pm – 17:00 pm	10:00 am – 11:50 am
LAOS	15:00 pm – 17:00 pm	10:00 am – 11:50 am
MYANMAR	14:30 pm – 16:30 pm	9:30 am – 11:20 am
BANGLADESH	14:00 pm – 16:00 pm	9:00 am – 10:50 am
PAKISTAN	13:00 pm – 15:00 pm	8:00 am – 9:50 am
KYRGYZ	14:00 pm – 16:00 pm	9:00 am – 10:50 am

<Middle East and Africa>

	live-streamed	from July 19 to 21
JORDAN	11:00 am -13:00 pm	13:00 pm – 14:50 pm
EGYPT	10:00 am - 12:00 pm	12:00 pm – 13:50 pm
ETHIOPIA	11:00 am – 13:00 pm	13:00 pm – 14:50 pm
CAPE VERDE	7:00 am – 9:00 am	9:00 am – 10:50 am
MOZAMBIQUE	10:00 am – 12:00 pm	12:00 pm – 13:50 pm
SIERRA LEONE	8:00 am – 10:00 am	10:00 am – 11:50 am

< Central America>

	live-streamed	from July 19 to 21
HONDURAS*	2:00 am – 4:00 am	4:00 am – 5:50 am
		or
		21:00 pm – 22:50 pm

*Regarding Honduras, if you are not able to attend the live-streamed lectures due to the time differences, you will be able to watch recorded lectures afterwards as well. In that case, please inform JICA office in your country when you apply. JICA will instruct you individually. It might take a few extra days due to filming and editing, this could change the course period.

11. Circumstance for Internet Connection

The program is conducted through a platform "Zoom Webinar and/or Meeting". It's necessary to ensure a stable and secure internet connection to access the platform. Internet speeds of downloading and uploading are recommended approximately 3 to 5 Mbps. (0.5 to 1.5 Mbps at least).

Please refer to this URL for how to measure internet speed.

https://www.speedtest.net/

Mobile phones are not recommended.

[Note] If you are not able to arrange internet connection or necessary devices, please consult with JICA office in your country.

12. Attendance requirement

Participation in both On Demand and Online program is an essential requirement for the completion of the course. Partial attendance is not allowed.

III. Conditions and Procedures for Application

1. Expectations from the Participating Organizations:

- (1) This program is designed primarily for organizations that intend to address specific issues or problems identified in their operation. Participating organizations are expected to use the project for those specific purposes.
- (2) This program is enriched with contents and facilitation schemes specially developed in collaboration with relevant prominent organizations in Japan. These special features enable the project to meet specific requirements of applying organizations and effectively facilitate them toward solutions for the issues and problems.
- (3) As this program is designed to facilitate organizations to come up with concrete solutions for their issues, participating organizations are expected to make due preparation before starting of this course.
- (4) Participating organizations are also expected to make the best use of the results achieved by their participants.

2. Nominee Qualifications:

Applying organizations are expected to select nominees who meet the following qualifications.

(1) Essential Qualifications

- 1) **Current Duties:** be a managerial level official in a policy planning division belonging to Ministry of Energy, or equivalent of governmental agencies.
- 2) **Experience in the relevant field:** more than three (3) years of experience in the fields
- 3) Educational Background: University graduate or its equivalent
- 4) Have an ability to operate spreadsheet software "Microsoft Excel" and "Microsoft PowerPoint".
 - *Note: This course requires PC operation regarding exercise of energy demand forecasting.
- 5) **Internet Connection:** Meet the condition of "10. Circumstance for Internet Connection" II. Description on page 6.
- 6) **Language:** have a competent command of spoken and written English which is equal to <u>TOEFL IBT 79-80 (CBT 213, PBT 550)</u> or more (This course includes active participation in discussions and intensive policy proposal

- writing, thus requires high competence of English ability. Please attach an official certificate for English ability such as TOEFL, TOEIC etc.)
- 7) **Health:** must be in good health, both physically and mentally, to participate in the Program.
- 8) **Attendance**: Be required to attend all the program including On Demand and Online program.

(2) Recommendable Qualification

- 1) Age: between the ages of thirty (30) and fifty (50) years.
- 2) Gender Consideration: JICA is promoting Gender equality. Women are encouraged to apply for the program.

3. Required Documents for Application

(1) Application Form:

The Application Form is available at the JICA office (or the Embassy of Japan).

- (2) ANNEX I Questionnaire on page 13.
- (3) Nominee's English Score Sheet:

To be submitted with the application form. If you have any official documentation of English ability. (e.g., TOEFL, TOEIC, IELTS)

4. Procedures for Application and Selection:

(1) Submission of Application Form:

Closing date for application to the JICA Center in JAPAN: May 20, 2021

[Note] Please inform JICA office of your preferred place to take the program (both On Demand and Online).

Note: Please confirm the closing date set by the respective country's JICA office or Embassy of Japan of your country to meet the final date in Japan

(2) Selection:

After receiving the documents through proper channels from your government, the JICA office (or the embassy of Japan) will conduct screenings, and then forward the documents to the JICA Center in Japan. Selection will be made by the JICA Center in consultation with concerned organizations in Japan. The applying organization with the best intention to utilize the opportunity of this program will be highly valued in the selection. Qualifications of applicants who belong to the military or other military-related organizations and/or who are enlisted in the military will be examined by the Government of Japan on a case-by-case basis, consistent with the Development Cooperation Charter of Japan, taking into consideration their duties, positions in the organization, and other relevant information in a comprehensive manner.

(3) Notice of Acceptance

Notification of results shall be made by the respective country's JICA office (or Embassy of Japan) to the respective government by **not later than May 31**, **2021**.

5. Document(s) to be submitted by accepted candidates:

Only accepted candidates are required to make Country Report and to submit it by July 2. See Annex II on page 14.

6. Conditions for Attendance:

- (1) to strictly adhere to the program schedule.
- (2) not to change the program topics.
- (3) to attend all the program and complete all the assignment..
- (4) in principle, a completion certificate will be given to participants who have achieved certain results by participating in all on-demand and online programs.

IV. Administrative Arrangements

1. Organizer:

(1) Name: JICA TOKYO

(2) Address: 2-49-5 Nishihara, Shibuya-ku, Tokyo 151-0066, Japan (3) URL: https://www.jica.go.jp/tokyo/english/office/index.html

(4) Contact: Industrial Development and Public Policy Div., JICA Tokyo

(Officers in Charge: Ms. Kagawa and Ms. Sannomaru)

EM: tictip@jica.go.jp

2. Implementing Partner:

(1) Name: The Institute of Energy Economics, Japan (IEEJ)

(2) Address: Inui Bldg., Kachidoki (10F, 11F), 1-13-1, Kachidoki, Chuo-ku, Tokyo

104-0054, Japan

(3) URL: https://eneken.ieej.or.jp/en/

3. Expenses:

The following expenses will be provided for the participants by JICA:

- (1) Expenses for program implementation, including materials.
- (2) a round-travel expense to the place where participants take this program in case participants will not take this program at home or office. For the details, kindly ask at JICA office.

4. Others:

In the context of the COVID-19 pandemic, please note that there is still a possibility the course period will be changed, shortened, or the course itself will be cancelled.

^{*} Please add the course number "202003153-J001" to a subject of the e-mail.

< Reference: Tentative Schedule (2021)>

					LIVE STREAM
Dat	е	JST/UTC	+0900	Min.	Content
		16:30 -	17:00	30	Checking attendance, computer settings, etc.
		17:00 -	17:20	20	Briefing and Program Orientation
21-Jun	Mon	17:20 -	17:50	30	JICA's Assistance to Energy Sector
		17:50 -	18:10	20	Welcome Address, Outline and Activities of IEEJ, Explanation of Action Plan and Introduction
					ON-DEMAND
Distribution Assignments Date Submission Date			Min.	Content	
22-Jun	Tue	28-Jun	Mon	75	O/L : Decision-Making Process for Energy Policy Making in Japan
ZZ-Juli	rue	20-Juli	IVIOTI	45	O/L : Sustainable Development Goals (SDGs) in Japan
23-Jun	Wed	29-Jun	Tue	45	O/L : International Energy Situation
23-Juli	weu	29-Juli	rue	45	O/L : Energy Policy in Japan (Oil, Gas)
24-Jun	Thu	30-Jun	Wed	45	O/L : Energy Policy in Japan (Coal)
24 Juli		30 3411	vvcu	45	O/L : Energy Policy in Japan (Electricity)
25-Jun	Fri				
26-Jun	Sat				
27-Jun	Sun		1		
28-Jun	Mon	1-Jul	Thu	45	O/L : Energy Policy in Japan (Nuclear Power)
	Wolf Tour			45	O/L : Energy Policy in Japan (Energy Conservation)
29-Jun	Tue	5-Jul	Mon	45	O/L : Global Environment Issues and Energy
				45	O/L : Energy Policy in Japan (Renewable Energy)
30-Jun	Wed	6-Jul	Tue	45	O/L : Energy Policy in Japan (Energy Storage, Hydrogen)
				45	O/L : World Energy Outlook
1-Jul	Thu	7-Jul	Wed	45	O/L : Energy Statistics Collection
0 1.1	F.:			60	O/L : Energy Balance Table
2-Jul	Fri				
3-Jul	Sat				
4-Jul	Sun		I	45	D. Frank Demand Foresesting (Installation Oversion)
5-Jul	Mon	8-Jul	8-Jul Thu	45	P : Energy Demand Forecasting (Installation, Overview)
				60	P : Energy Demand Forecasting (Overview)

Bolton							LIVE STREAM
T-Jul Wed 17:00 - 18:40 30 Discussion 18:10 - 18:40 30 Discussion 17:70 - 17:45 45 L: Decision-Making Process in Japan, Q&A 17:50 - 18:25 30 L: Sustainable Development Goals (SDGs) in Japan, Q&A 17:40 - 18:10 30 L: Energy Policy in Japan (Oil, Gas), Q&A 17:700 - 17:30 30 L: Energy Policy in Japan (Oil, Gas), Q&A 17:700 - 17:30 30 L: Energy Policy in Japan (Electricity), Q&A 17:40 - 18:10 30 L: Energy Policy in Japan (Electricity), Q&A 18:20 - 18:50 30 L: Energy Policy in Japan (Electricity), Q&A 17:40 - 18:10 30 L: Energy Policy in Japan (Bobal Environment Issues and Energy), Q&A 17:40 - 18:10 30 L: Energy Policy in Japan (Renewable Energy, Energy Storage, Hydrogen), Q&A 17:40 - 18:10 30 L: Energy Policy in Japan (Renewable Energy, Energy Storage, Hydrogen), Q&A 18:20 - 18:50 30 L: Energy Demand & Supply Outlook, Q&A 18:20 - 18:50 30 L: Energy Demand & Supply Outlook, Q&A 18:20 - 18:50 30 L: Energy Demand Forecasting (Installation Follow-up, Overview) - Asia 18:20 - 18:50 50 P: Energy Demand Forecasting (Installation Follow-up, Overview) - Asia 18:20 - 12:50 50 P: Energy Demand Forecasting (Practice) - Asia 18:20 - 12:50 50 P: Energy Demand Forecasting (Practice) - Asia 18:20 - 12:50 50 P: Energy Demand Forecasting (Practice) - Asia 18:20 - 12:50 50 P: Energy Demand Forecasting (Practice) - Asia 18:20 - 12:50 50 P: Energy Demand Forecasting (Practice) - Asia 18:20 - 12:50 50 P: Energy Demand Forecasting (Practice) - Asia 18:20 - 12:50 50 P: Energy Demand Forecasting (Practice) - Asia 18:20 - 12:50 50 P: Energy Demand Forecasting (Practice) - Asia 18:20 - 12:50 50 P: Energy Demand Forecasting (Practi	Dat	Date JST/UTC+0900		Min.	Content		
T-Jul Wed 17:00 - 18:00 60 Country Report Presentation (10 min/person x 6 persons)	6-Jul	Tue		-			
8-Jul							
S-Jul	7-Jul	Wed					
9-Jul Fri Fr							
9-Jul	8-Jul	Thu					
10-Jul Sat	9-Jul	Fri	17.00		10.20	- 00	2 : Gustamasie Severopinient Godio (GSGG) in Gapan, Quit
11-Jul Sun 17:00 - 17:30 30 L : International Energy Situation, Q&A 17:40 - 18:10 30 L : Energy Policy in Japan (Oil, Gas),Q&A 18:20 - 18:50 30 L : Energy Policy in Japan (Coal), Q&A 17:00 - 17:30 30 L : Energy Policy in Japan (Coal), Q&A 17:00 - 17:30 30 L : Energy Policy in Japan (Electricity), Q&A 18:20 - 18:50 30 L : Energy Policy in Japan (Electricity), Q&A 18:20 - 18:50 30 L : Energy Policy in Japan (Electricity), Q&A 17:00 - 17:30 30 L : Energy Policy in Japan (Electricity), Q&A 17:00 - 17:30 30 L : Energy Policy in Japan (Electricity), Q&A Electricity, Q&A L : Energy Policy in Japan (Electricity), Q&A Ele							
12-Jul							
18:20			17:00	-	17:30	30	L : International Energy Situation, Q&A
13-Jul	12-Jul	Mon	17:40	-	18:10	30	L : Energy Policy in Japan (Oil, Gas),Q&A
13-Jul	12-Jul IV		18:20	-	18:50	30	
18:20			17:00	-	17:30	30	L : Energy Policy in Japan (Electricity), Q&A
14-Jul	13-Jul	Tue	17:40	-	18:10	30	L : Energy Policy in Japan (Nuclear Power), Q&A
14-Jul			18:20	-	18:50	30	
17:40	1 <i>1</i> Jul	Wod	17:00	-	17:30	30	Q&A
15-Jul	14-Jul	wed	17:40	-	18:10	30	
18:20			17:00	-	17:30	30	L : Energy Statistics Collection, Q&A
16-Jul Fri 17-Jul Sat 18-Jul Sun 12:00 ~ 12:50 50 P : Energy Demand Forecasting (Installation Follow-up, Overview) - Asia 19:00 ~ 19:50 50 P : Energy Demand Forecasting (Overview) - Asia P : Energy Demand Forecasting (Installation Follow-up, Overview) - Asia P : Energy Demand Forecasting (Installation Follow-up, Overview) - Middle East / Africa 19:00 ~ 19:50 50 P : Energy Demand Forecasting (Overview) - Middle East / Africa 12:00 ~ 12:50 50 P : Energy Demand Forecasting (Practice) - Asia 19:00 ~ 19:50 50 P : Energy Demand Forecasting (Practice) - Middle East / Africa 19:00 ~ 19:50 50 P : Energy Demand Forecasting (Practice) - Middle East / Africa 12:00 ~ 12:50 50 P : Energy Demand Forecasting (Practice) - Asia 13:00 ~ 13:50 50 P : Energy Demand Forecasting (Practice) - Asia 13:00 ~ 13:50 50 P : Energy Demand Forecasting (Practice) - Asia 13:00 ~ 13:50 50 P : Energy Demand Forecasting (Practice) - Asia 13:00 ~ 13:50 50 P : Energy Demand Forecasting (Practice) - Asia 19:00 ~ 19:50 50 P : Energy Demand Forecasting (Practice) - Middle East / Africa 19:00 ~ 19:50 50 P : Energy Demand Forecasting (Practice) - Middle East / Africa 19:00 ~ 19:50 50 P : Energy Demand Forecasting (Practice) - Middle East / Africa 19:00 ~ 19:50 50 P : Energy Demand Forecasting (Practice) - Middle East / Africa 19:00 ~ 19:50 50 P : Energy Demand Forecasting (Practice) - Middle East / Africa 19:00 ~ 19:50 50 P : Energy Demand Forecasting (Practice) - Middle East / Africa 19:00 ~ 19:50 50 P : Energy Demand Forecasting (Practice) - Middle East / Africa 19:00 ~ 19:00 7 : 1	15-Jul	Thu	17:40	-	18:10	30	L : Energy Balance Table, Q&A
17-Jul Sat 18-Jul Sun 12:00			18:20	-	18:50	30	L : World Energy Demand & Supply Outlook,Q&A
18-Jul Sun 12:00							
19-Jul							
19-Jul	18-Jul	Sun					
19:00 19:50 50 P : Energy Demand Forecasting (Installation Follow-up, Overview) - Middle East / Africa			12:00	~	12:50	50	Asia
19:00	19-Jul	Mon	13:00	~	13:50	50	
Parison Pari			19:00	~	19:50	50	Middle East / Africa
Tue				~	20:50	50	P : Energy Demand Forecasting (Overview) - Middle East / Africa
19:00		Tue		~			
19:00	20-Jul			~			
New Preparation for Action Plan Presentation Preparation Preparati	20 001			~			
21-Jul Wed 13:00							
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23-Jul	00 1.4	Thu	20:00	~	20:50	50	
24-Jul Sat							
25-Jul Sun							rieparation for Action Plan Plesentation
26-Jul Mon 17:00 - 18:20 80 Action Plan Presentation (10 min/person x 8 persons) 18:30 - 19:00 30 Discussion 17:00 - 17:50 50 Action Plan Presentation (10 min/person x 5 persons) 27-Jul Tue 17:55 - 18:10 15 Discussion							
26-Jul Mon	∠ɔ-Jui	Sun	17:00		19:20	90	Action Plan Procentation (10 min/parson v 9 parsons)
27-Jul Tue 17:50 - 17:50 50 Action Plan Presentation (10 min/person x 5 persons) Tue 17:55 - 18:10 15 Discussion	26-Jul	Mon		_			
27-Jul Tue 17:55 - 18:10 15 Discussion		-		_			
	27-Jul	Tue					
	27 Jul		18:15	-	18:45	30	JICA Evaluation Meeting

O/L : On demand Lecture L : Lecture P : Practice D : Discussion

The program is subject to change.

Please complete the questionnaire and submit it with application form.

ANNEX I

Questionnaire

Country: E-mail address: Phone No. for emergency call when happening internet connection or object the program:	<u> </u>
Phone No. for emergency call when happening internet connection	
lave you ever used "Zoom Webinar and/or Meeting" <u>: Yes / N</u>	<u> </u>
Vhere do you connect this online program from?	
Home / Office / JICA office / Others:	
C skill (Choose one of three) :	
A. I have never used "Microsoft Excel" or "Microsoft PowerPoint".	
B. I am a beginner of "Microsoft Excel" or "Microsoft PowerPoint".	
C. I am intermediate or upper level of "Microsoft Excel" (including	
use of functions) and "Microsoft PowerPoint".	
Please try to access the following three types of links by your PC	which
amples of on-demand lecture.	
ample lecture:	
A.Video: https://ieej.box.com/s/hg9w4q1yk1q6cmny2rswph95uaszcws5 (2)	135.7N
You don't need to understand the content. This is in Japanese.	byzie (7
B.PDFslides: https://ieej.box.com/s/zdukpiyvef3iw2n478prnukzozp7t This is just sample.	<u> </u>

End of Questionnaire.

Guideline for the Country Report

Submission of Country Report

- · Due date of submission: July 2nd, 2021
- · Create using Microsoft PowerPoint
- · Email to: tictip@jica.go.jp Include the course title "Energy Policy" in the subject of your E-mail.
- · Maximum file size attached is limited to 3 MB.
- · Attached file should not be compressed (.zip, .rar, etc.) those compressed file can NOT be received due to the security policy.

Basic Contents of Country Report

- 1. General information
 - 1) Country profile
 - 2) Economic indicators (GDP, population, No. of households, etc.)
 - 3) Organizational structure related Energy (government, governmental agency, and research institute)
- 2. Reserves of energy and mineral resources
- 3. Current energy policy and measures
- 4. Past energy demand and supply (at least past 10 years)
 - 1) Primary energy supply (Unit: ktoe) by source (production, imports and exports)
 - 2) Primary energy supply (Unit: ktoe) by energy source (coal, oil, gas, electricity (nuclear, hydro, geothermal & solar), biofuels & waste, others)
 - 3) Final energy consumption (Unit: ktoe) by sector (industry, transport, others (residential, commercial & public services, others))
 - 4) Final energy consumption (Unit: ktoe) by energy source (coal, oil, gas, electricity (nuclear, hydro, geothermal & solar), biofuels & waste, others)
 - 5) Electricity generation (Unit: GWh) by energy source (coal, oil, gas, nuclear, renewable sources)
 - 6) CO2 emission (Unit: Mt CO2) by sector (industry, transport, others (residential, commercial & public services, others)) and energy source (coal, oil, gas, others)
 - 7) Energy Prices
 - 8) Evaluation for the presence of an impact of COVID-19 on energy demand and supply in 2020

- 5. Outlook of energy demand and supply (2025, 2030, 2040 and 2050 if possible)
 - 1) Primary energy supply (Unit: ktoe) by source and energy source
 - 2) Final energy consumption (Unit: ktoe) by sector and energy source
 - 3) Electricity generation (Unit: GWh) by energy source
 - 4) CO2 emission (Unit: Mt CO2) by sector and energy source
- 6. Energy-related investment for domestic and overseas
- 7. Major difficulties and bottlenecks currently faced in formulating energy policies
- 8. Subjects you especially would like to learn in this program

For Your Reference

JICA and Capacity Development

The key concept underpinning JICA operations since its establishment in 1974 has been the conviction that "capacity development" is central to the socioeconomic development of any country, regardless of the specific operational scheme one may be undertaking, i.e. expert assignments, development projects, development study projects, training programs, JOCV programs, etc.

Within this wide range of programs, Training Programs have long occupied an important place in JICA operations. Conducted in Japan, they provide partner countries with opportunities to acquire practical knowledge accumulated in Japanese society. Participants dispatched by partner countries might find useful knowledge and re-create their own knowledge for enhancement of their own capacity or that of the organization and society to which they belong.

About 460 pre-organized programs cover a wide range of professional fields, ranging from education, health, infrastructure, energy, trade and finance, to agriculture, rural development, gender mainstreaming, and environmental protection. A variety of programs and are being customized to address the specific needs of different target organizations, such as policy-making organizations, service provision organizations, as well as research and academic institutions. Some programs are organized to target a certain group of countries with similar developmental challenges.

Japanese Development Experience

Japan was the first non-Western country to successfully modernize its society and industrialize its economy. At the core of this process, which started more than 140 years ago, was the "adopt and adapt" concept by which a wide range of appropriate skills and knowledge have been imported from developed countries; these skills and knowledge have been adapted and/or improved using local skills, knowledge and initiatives. They finally

became internalized in Japanese society to suit its local needs and conditions.

From engineering technology to production management methods, most of the know-how that has enabled Japan to become what it is today has emanated from this "adoption and adaptation" process, which, of course, has been accompanied by countless failures and errors behind the success stories. We presume that such experiences, both successful and unsuccessful, will be useful to our partners who are trying to address the challenges currently faced by developing countries.

However, it is rather challenging to share with our partners this whole body of Japan's developmental experience. This difficulty has to do, in part, with the challenge of explaining a body of "tacit knowledge," a type of knowledge that cannot fully be expressed in words or numbers. Adding to this difficulty are the social and cultural systems of Japan that vastly differ from those of other Western industrialized countries, and hence still remain unfamiliar to many partner countries. Simply stated, coming to Japan might be one way of overcoming such a cultural gap.

JICA, therefore, would like to invite as many leaders of partner countries as possible to come and visit us, to mingle with the Japanese people, and witness the advantages as well as the disadvantages of Japanese systems, so that integration of their findings might help them reach their developmental objectives.



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